ECO 101: Introduction to Microeconomics
Problem Set #6
Lecture 11
Due Date: 01 December, 5:00pm
Total Points: 30

NOTE: All problem sets must be hand-written (not typed) to receive full credit. Typed answers will receive a zero. Round all answers that are decimals to two decimal places.

Problem 1: Price Discrimination for Monopolists [10 points]

Consider a monopolist who faces the following Demand Curve:

$$Q = 120 - 2p$$

Also, assume that this monopolist's cost curves are such that:

$$TC = 200 + 0.5Q^2$$